



United States Department of Agriculture  
Forest Service

## Wildlife Biological Assessment Errata

### Chetco Bar Fire Salvage Project

Rogue River-Siskiyou National Forest,  
Wild Rivers Ranger District

*/s/ Bonnie Allison*

**Date: June 22, 2018**

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<sup>1</sup> an updated EEO statement (as of 2016).

# Introduction

This Errata documents updates to the Chetco Bar Fire Project Biological Assessment (BA) that were identified during formal consultation after the final project BA was submitted to USFWS on April 26, 2018. These updates were provided to USFWS during May, 2018 and incorporated into the Biological Opinion (BO).

The final BA and associated BO documents are available in the project record.

## Summary of Information

The BA page 20: The following language was added to the project design criteria to clarify PFF snag retention:

The design of the action considered the following hierarchy (Figure 4). **In PFF and critical habitat units, first retain legacy snags to meet 4 snags per acre, then priority for retention would be the largest snags followed by hardwoods.**

Page 23 references the Gradient Nearest Neighbor (GNN) imagery from 2010 (LEMMA OSU), which should read: Gradient Nearest Neighbor (GNN) imagery from **2012 (LEMMA OSU) modified in 2014 for NSO habitat.**

Page 32 paragraph 1 should read:

Haul would be restricted on all of these roads from April 1 until August 5 of any year, after which operations would not occur 2 hours after sunrise or two hours before sunset until September 15, with the following exceptions: haul may occur on *FSR 1407-150 and 1917-060* **prior to** June 30, however, daily restrictions (2 hours after sunrise and 2 hours before sunset) would still apply (appendix C, map 6 and 7).

Table 7 is titled “Unsurveyed suitable habitat on RRSNF managed lands within the Action Area” but should read “Unsurveyed suitable habitat on **federally-managed** lands within the Action Area”.

Page 33 first sentence under “Effects to Spotted Owl Habitat” should read: Proposed salvage harvest and associated activities would occur on approximately **4,378** acres...

There were some errors in the acres reported for Danger Tree treatments in the following tables:

**Table 13. Spotted Owl Habitats within Proposed Chetco Bar Fire Area Salvage Activities.**

Activity	Non-Forest	Capable	Dispersal	NRF	PFF1/High RHS	PFF1/Low RHS	PFF2/High RHS	PFF2/Low RHS	Total
Salvage Units	4	3,217	0	0	0	135	133	601	4,090
Landing construction	0	100.5	0	0	0	0	0	0.25	101
Temp road construction (13.5 mi)	<1	2	1	<1	<1	<1	<1	<1	5
Haul Rte Danger Tree Abatement <sup>1</sup>	13	<b>94</b>	12	12	3	0	11	<b>37</b>	<b>182</b>
<b>Grand Total</b>	<b>18</b>	<b>3,413.5</b>	<b>13</b>	<b>12</b>	<b>3</b>	<b>135</b>	<b>145</b>	<b>638</b>	<b>4,378</b>

<sup>1</sup> This is in addition to the RRSNF Danger Tree Abatement project.

**Table 14. Spotted Owl Habitats within Proposed Chetco Bar Fire Area Salvage Activities outside of NSO home ranges.**

Activity	Non-Forest	Capable	Dispersal	NRF	PFF1/High RHS	PFF1/Low RHS	PFF2/High RHS	PFF2/Low RHS	Total
Salvage Units	1	2236	0	0	<b>0</b>	<b>80</b>	<b>39</b>	<b>301</b>	<b>2657</b>
Landing construction	0	69	0	0	0	0	0	0	69
Temp road construction (3.5 mi)	<1	2	0.5	<1	<1	<1	<1	<.1	3
Haul Route Danger Tree Abatement	10	<b>71</b>	5	9	3	0	11	26	<b>135</b>
<b>Grand Total</b>	<b>11</b>	<b>2378</b>	<b>6</b>	<b>9</b>	<b>3</b>	<b>80</b>	<b>50</b>	<b>327</b>	<b>2864</b>

Page 39, Table 15 footnote for <sup>1</sup> should read: <sup>1</sup> “Acres Available” reflect **RRSNF** subunit values.

The following revisions were made to the PDC in the final EA for clarification:

NSO2      **Existing snags and down wood-** Leave aggregates and individuals of large legacy snags (See PFF decision tree and affected units above). Avoid and protect existing large down wood ≥10 inches dbh to the greatest extent possible. Use treatment skips to avoid large dead wood (>20 inches dbh) or areas of accumulated dead wood. Leave 1.4 percent cover of down wood in harvest units.

It was found that the acres of PFF removed by the RRSNF danger tree salvage was not accounted for in table B-1. The acres of PFF available in this project should match the result of the removal of PFF post-danger tree treatment since those acres have already been consulted on. The following table displays the correct information.

**Table B-1. Existing Habitat and Effects of the Proposed Action for Chetco Bar Fire Salvage Project NSO Sites.**

OWL	Total PFF (%HR)	PFF1 High RHS (%HR)	PFF1 Low RHS (%HR)	PFF2 High RHS (%HR)	PFF2 Low RHS (%HR)	Reduced PFF1 High RHS (%HR)	Reduced PFF1 Low RHS (%HR)	Reduced PFF2 High RHS (%HR)	Reduced PFF2 Low RHS (%HR)	POTENTIAL HABITAT EFFECTS DETERMINATION
98	496 (15)	160 (5)	51 (2)	133 (3)	153 (4)	0 (0)	14 (<1)	5 (0)	1 (0)	LAA
101	323 (9)	186 (5)	41 (1)	51 (2)	48 (2)	0 (0)	18 (<1)	5 (0)	8 (0)	LAA
102	360 (11)	165 (5)	95 (3)	6 (<1)	95 (3)	0 (0)	0 (0)	0 (0)	0 (0)	NE
128	831 (24)	300 (9)	76 (2)	191 (6)	265 (8)	0 (0)	0 (0)	0 (0)	0 (0)	NE
142	393 (12)	237 (7)	51 (2)	13 (<1)	91 (3)	0 (0)	0 (0)	0 (0)	16 (1)	NLAA
143	584 (17)	226 (7)	108 (3)	105 (3)	148 (4)	0 (0)	0 (0)	47 (1)	20 (1)	LAA
162	703 (20)	352 (10)	99 (3)	41 (1)	210 (6)	0 (0)	0 (0)	0 (0)	60 (2)	NLAA
200	385 (11)	193 (6)	94 (3)	7 (<1)	92 (3)	0 (0)	0 (0)	0 (0)	0 (0)	NE
256	271 (8)	140 (4)	25 (1)	30 (1)	77 (2)	0.25 (0)	0 (0)	0 (0)	4 (0)	NLAA
307	983 (29)	176 (5)	107 (3)	215 (6)	487 (14)	0 (0)	8 (0)	31 (1)	123 (4)	LAA
308	127 (4)	39 (1)	32 (1)	1 (<1)	59 (2)	0 (0)	19 (<1)	0 (0)	39 (1)	NLAA
309	137 (4)	75 (2)	14 (<1)	1 (<1)	47 (1)	0 (0)	0 (0)	0 (0)	0 (0)	NE
367	569 (17)	276 (8)	93 (3)	64 (2)	137 (4)	0 (0)	0 (0)	24 (1)	58 (2)	LAA

Additional References:

**Ruel, J.C. 1995.** Understanding windthrow: Silvicultural implications. The Forestry Chronicle. Vol. 71, No. 4.

**Burton, P.J. 2002.** Effects of clearcut edges on trees in the sub-boreal spruce zone of Northwest-Central British Columbia. Silva Fennica 36(1): 329–352.